

**ABSTRACT**

A system for monitoring a process parameter includes a computer configured to receive data corresponding to the process parameter. The system also includes at least one sensor configured to measure the process  
5 parameter. The at least one sensor is coupled for communication of data corresponding to the process parameter to the computer. The system also includes an interface configured for communicating data corresponding to the process parameter from the at least one sensor. The interface is configured to provide data to the computer via a portable computer as a secondary  
10 measurement of the process parameter.